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Semestral Plan for Sec 2 Normal (Technical) Mathematics 2023

The document captures the curriculum and assessment plan for Sec 2 Normal (Technical) Mathematics for the year.

1 Curriculum Plan

Tentative Week	Topics to cover
Term 1 Week 1 – 4	Chapter 1: Triangles and Quadrilaterals
Term 1 Week 5 – 6	Chapter 2: Linear Algebraic Manipulation
Term 1 Week 6	Term 1 Weighted Assessment (WA1)
Term 1 Week 7 – 8	Chapter 3: Linear Equations in One Variable
Term 1 Week 9 – 10	Chapter 9: Pythagoras' Theorem
11th to 19th March	MARCH HOLIDAYS
Term 2 Week 1 – 3	Chapter 4: Functions and Graphs
Term 2 Week 4 – 5	Chapter 5: Proportion
Term 2 Week 5	Term 2 Weighted Assessment (WA2)
Term 2 Week 6 – 7	Chapter 6: Rate and Speed
Term 2 Week 8 – 10	Chapter 7: Mathematics in Practical Situations
27th May to 25th June	JUNE HOLIDAYS
Term 2 Week 1 – 2	Chapter 8: Congruence and Similarity
Term 3 Week 3 – 5	Chapter 10: Data Analysis
Term 3 Week 4	Term 3 Weighted Assessment (WA3)
Term 3 Week 6 – 7	Chapter 11: Probability
Term 3 Week 8 – 10	Chapter 12: Prisms and Cylinders
2nd to 10th September	SEPTEMBER HOLIDAYS
Term 4 Week 1 – 2	End-of-Year Examination (EYE) Revision
Term 4 Week 3 – 4	End-of-Year Examination (EYE)
Term 4 Week 5 – 7	Go through examination papers

2 Assessment Plan

Components of weighted assessments:

- Weighted Assessments (WA)
- End-of-Year Examination (EYE)

Semester	Semester 1		Semester 2	
Term	Term 1	Term 2	Term 3	Term 4
Types of Assessment	WA 1	WA 2	WA3	End-of-Year examination
Weightage	15%	15%	15%	55%
Tentative Timeline	Term 1 Week 6	Term 2 Week 5	Term 3 Week 4	Term 4 Week 3 – 4
Topics Covered	<ul style="list-style-type: none"> • Sec 2: Chapter 1 to 2 • Sec 1 topics 	<ul style="list-style-type: none"> • Sec 2 Chapter 3 – 5 & 9 • Sec 1 topics 	<ul style="list-style-type: none"> • Sec 2 Chapter 6 – 8 & 10 • Sec 1 topics 	Refer to EYE Exam Format
Assessment Mode	Written			

Various modes of formative assessments (quizzes, exit tickets, journal writing, project work, etc) are conducted regularly to assess students' learning progress.

Sec 1 topics that are included in weighted assessments:

- Chapter 1: Numbers
- Chapter 2: Four operations
- Chapter 3: Ratio
- Chapter 4: Percentages

EYE Exam Format

Components	Weightage	Remarks
Paper 1	50%	<ul style="list-style-type: none"> • Calculator allowed • Duration: 1h 15 mins • Sec 1 topics: Chapter 1 to 4 • Sec 2 topics: Chapter 1 to 12 • Answer all questions • Each paper is 40 marks • Answer on the spaces provided
Paper 2	50%	

3 Absence from tests

- a) Medical certificates must be produced if student is absent for the test.
- b) Parent's letter is strongly discouraged and its validity will be approved based on a case-by-case basis.
- c) Absence from any test without a valid reason will result in zero mark for the test.
- d) Do note that student will have to do a make-up test on the day he/she returns to school.

With this information, we hope all students will better prepare themselves for the heavy academic demands this year.

Do feel free to contact the respective mathematics teachers should further clarification be needed on this matter.

2T: Mr Vincent Ho and Ms Cheryl Choo